

**METHODS AND APPARATUS FOR CONTROLLING WIRELESS NETWORK
OPERATIONS ASSOCIATED WITH A FLOW CONTROL PROCESS**

5

ABSTRACT

Methods and apparatus for controlling wireless network operations associated
with a flow control process which terminates data communications to a mobile station
based on an out-of-coverage condition between the mobile station and a wireless
communication network. In the wireless communication network, an indication is
10 identified which indicates whether a mobile station utilizes an always-on connection
for a data service. Based on the indication indicating that the mobile station utilizes
the always-on connection, the flow control process is bypassed. Otherwise, the flow
control process is performed. The always-on connection may be utilized for an e-mail
application for the mobile station and involve a Point-to-Point Protocol (PPP) session.

15

20

25